BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	2
Item Name:	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.13, Item No. 4.2 of PWD SR 2018-19

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platfrom-1						
Bed Concrete	2	15.60	1.10	0.20	6.86	
	2	3.80	1.10	0.20	1.67	
Flooring	1	13.50	3.20	0.20	8.64	
West Side	1	15.15	1.00	0.20	3.03	
East Side	1	15.15	1.20	0.15	2.73	
	1	4.70	0.75	0.15	0.53	
Deduct For Tree Openings	-1	2.46	2.34	0.20	-1.15	
	-1	2.44	2.40	0.20	-1.17	
	-1	0.60	0.60	0.20	-0.07	
	-1	0.60	0.60	0.20	-0.07	
For Platfrom-2						
Bed Concrete	2	11.10	1.10	0.20	4.88	
	2	3.20	1.10	0.20	1.41	
Flooring	1	9.30	3.20	0.20	5.95	
North Side	1	12.20	1.20	0.20	2.93	
Front Flooring	1	3.65	1.62	0.20	1.18	
Side wall	2	1.62	0.45	0.15	0.22	
	1	5.45	0.60	0.15	0.49	
	2	33.50	0.45	0.20	6.03	

07/07/2021

CHAINAGE Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Deduction						
22nd Cross	-1	2.40	2.16	0.20	-1.04	
	-1	0.60	0.85	0.20	-0.10	
				Total Qty Work Done	**42.95**	**Cum**
				Qty Payable in this bill	**42.86**	**Cum**

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	**3**
Item Name:	Providing and laying Plain /Reinforcement Cement Concrete M20 with OPC @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplasticizer @3lts confirming to IS9103-1999 Reaffirmed-2008 in Open Foundation complete as per Drawing and Technical Specifications including coSt of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platfrom-1						
	2	14.90	0.90	0.75	20.12	
	2	3.10	0.90	0.75	4.19	
	2	14.33	(0.75+0.45)/2	1.50	25.79	
	2	3.00	(0.75+0.45)/2	1.50	5.40	
	1	14.48	4.50	0.30	19.55	
West Side	1	15.15	1.00	0.15	2.27	
East Side	1	15.15	1.20	0.15	2.73	
	1	4.70	0.75	0.15	0.53	
Platform	1	3.70	1.40	0.45	2.33	
	1	3.70	0.80	0.30	0.89	
	1	3.40	1.40	1.50	7.14	
Deduct For Tree Openings	-1	2.46	2.34	0.20	-1.15	
	-1	2.44	2.40	0.20	-1.17	
	-1	0.60	0.60	0.20	-0.07	
	-1	0.60	0.60	0.20	-0.07	
For Platfrom-2						
	2	11.10	0.90	0.75	14.99	
	2	3.20	0.90	0.75	4.32	
	2	10.10	(0.75+0.45)/2	1.50	18.18	
	2	3.30	(0.75+0.45)/2	1.50	5.94	
	1	2.10	1.20	1.80	4.54	
	0.5	1.80	1.20	0.90	0.97	
	1	1.80	1.20	0.90	1.94	
	1	10.10	4.50	0.30	13.64	
North Side	1	4.36	1.20	0.20	1.05	
	1	3.75	1.20	0.20	0.90	
West Side	1	4.70	0.75	0.20	0.71	

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Side Wall	2	1.62	0.45	0.60	0.87	
	1	5.45	0.45	0.60	1.47	
Platform	1	4.25	1.42	0.20	1.21	
	1	4.25	0.50	0.20	0.43	
	2	2.10	1.90	0.30	2.39	
	1	3.60	1.38	0.30	1.49	
	2	0.45	1.25	0.30	0.34	
Deck Precast Slab	4	2.10	0.65	0.30	1.64	
Deduct						
	-1	2.40	2.16	0.30	-1.56	
	-1	0.60	0.60	0.30	-0.11	
Total Qty Work Done					**163.80**	**Cum**
Qty Payable in this bill					**163.80**	**Cum**

05/08/21 to 30/08/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

Jayamma.K.

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	4
Item Name:	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.

SL No	Dia of Bar	Sides	No's	Cut Length (in m)	Length (in m)	Description	Weight of Bar/Mtr	Weight in Kgs	Remarks
For Beam									
1	16	2	10	15.50	310.00	Straight Main Rod	1.58	489.80	
2	12	2	103	3.50	721.00	Stirrups	0.89	641.69	
3	16	2	10	7.20	144.00	Straight Main Rod	1.58	227.52	
4	12	2	48	3.50	336.00	Stirrups	0.89	299.04	
For Wall									
5	12	2	120	3.00	720.00	L Bar Inside	0.89	640.80	
6	12	2	120	3.00	720.00	L Bar Outside	0.89	640.80	
7	10	4	9	14.60	525.60	Distribution Bar	0.61	320.62	
8	12	2	40	3.00	240.00	L Bar Inside	0.89	213.60	
9	12	2	40	3.00	240.00	L Bar Outside	0.89	213.60	
10	10	4	9	5.00	180.00	Distribution Bar	0.61	109.80	
11	12	1	42	1.30	54.60	U Bar Main Rod	0.89	48.59	
For Landing									
12	12	2	25	2.80	140.00	Vertical Bar Outside	0.89	124.60	
13	10	2	6	4.10	49.20	Distribution Bar	0.61	30.01	
For Steps									
14	12	2	10	2.80	56.00	Vertical Bar Outside	0.89	49.84	
15	10	2	6	1.50	18.00	Distribution Bar	0.61	10.98	
For Slab									
16	10	4	8	14.30	457.60	Main Rod	0.61	279.14	
17	10	2	63	4.60	579.60	Distribution Bar	0.61	353.56	
18	10	4	32	1.20	153.60	Distribution Bar	0.61	93.70	
19	12	1	32	1.20	38.40	Chair	0.89	34.18	
For Steps and Landing									
20	10	2	4	5.40	43.20	Main Rod	0.61	26.35	
21	10	2	20	0.85	34.00	Distribution Bar	0.61	20.74	

SL No	Dia of Bar	Sides	No's	Cut Length (in m)	Length (in m)	Description	Weight of Bar/Mtr	Weight in Kgs	Remarks
For Platform									
22	10	1	24	2.60	62.40	Main Rod	0.61	38.06	
23	10	1	13	5.00	65.00	Distribution Bar	0.61	39.65	
For Beam									
24	16	2	10	11.10	222.00	Straight Main Rod	1.58	350.76	
25	12	2	74	3.50	518.00	Stirrups	0.89	461.02	
26	16	2	10	5.15	103.00	Straight Main Rod	1.58	162.74	
27	12	2	27	3.50	189.00	Stirrups	0.89	168.21	
For Wall									
28	12	2	100	3.00	600.00	L Bar Inside	0.89	534.00	
29	12	2	100	3.00	600.00	L Bar Outside	0.89	534.00	
30	10	4	9	10.30	370.80	Distribution Bar	0.61	226.19	
31	12	2	40	3.00	240.00	L Bar Inside	0.89	213.60	
32	12	2	40	3.00	240.00	L Bar Outside	0.89	213.60	
33	10	4	9	4.40	158.40	Distribution Bar	0.61	96.62	
34	12	1	35	1.30	45.50	U Bar Main Rod	0.89	40.50	
For Landing									
35	12	2	48	2.80	268.80	Vertical Bar Outside	0.89	239.23	
36	10	2	6	4.10	49.20	Distribution Bar	0.61	30.01	
37	10	2	6	1.20	14.40	Distribution Bar	0.61	8.78	
For Top Slab									
38	10	2	15	10.10	303.00	Main Rod	0.61	184.83	
39	10	2	53	4.10	434.60	Distribution Bar	0.61	265.11	
40	10	2	14	2.00	56.00	Distribution Bar	0.61	34.16	
41	12	1	21	1.20	25.20	Chair	0.89	22.43	
For Steps and Landing									
42	10	2	6	4.00	48.00	Main Rod	0.61	29.28	
43	10	2	26	1.20	62.40	Distribution Bar	0.61	38.06	
For Platform									
44	10	1	20	2.20	44.00	Main Rod	0.61	26.84	
45	10	1	9	5.00	45.00	Distribution Bar	0.61	27.45	
For Platform									
46	10	2	8	4.60	73.60	Main Rod	0.61	44.90	
47	10	2	30	1.20	72.00	Distribution Bar	0.61	43.92	
For Platform									
48	10	2	8	3.75	60.00	Main Rod	0.61	36.60	
49	10	2	24	1.20	57.60	Distribution Bar	0.61	35.14	

SL No	Dia of Bar	Sides	No's	Cut Length (in m)	Length (in m)	Description	Weight of Bar/Mtr	Weight in Kgs	Remarks
	For Platform								
50	10	2	12	4.15	99.60	Main Rod	0.61	60.76	
51	10	2	27	1.90	102.60	Distribution Bar	0.61	62.59	
	For Beam (Drain)								
52	12	1	4	5.40	21.60	Straight Main Rod	0.89	19.22	
53	10	1	27	1.95	52.65	Stirrups	0.61	32.12	
54	12	2	4	1.90	15.20	Straight Main Rod	0.89	13.53	
55	10	2	9	1.30	23.40	Stirrups	0.61	14.27	
	For Precast Slab								
56	16	4	10	5.40	216.00	Straight Main Rod	1.58	341.28	
57	10	4	14	2.00	112.00	Stirrups	0.61	68.32	
58	12	4	3	1.00	12.00	Chair	0.89	10.68	
								9637.40	InKgs
						Total Qty Work Done		9.64	Tonne
						Qty Payable in this bill		9.64	Tonne

9/7/21 to 28/08/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

28/08/2021

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

Jayamma. K.

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	6
Item Name:	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work lead 4km a) Basic rate for haulage of materials as per item No 17.4/KSRRB : M100-4.1.....Rs 2.00 Tonne/km b) Avearge earth of the work 1.28 Tonne /km Rs .2.00/km c) Add loading and unloading

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Qty as per Item No Eril-01					30.06	
Qty as per Item No Eril-02					136.37	
Total Qty Work Done					**166.43**	**Sqm**
Qty Payable in this bill					**166.43**	**Sqm**

24/12/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

Jayamma. K.

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	**Eril-01**
Item Name:	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	10.00	4.00	0.30	12.00	
For Platform-2							
		1	14.00	4.30	0.30	18.06	
					Total Qty Work Done	**30.06**	**Cum**
					Qty Payable in this bill	**30.06**	**Cum**

01/07/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

Jayamma. K.

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No:	**Eril-02**
Item Name:	Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1						
	2	15.60	1.30	1.50	60.84	
	1	3.80	1.30	1.50	7.41	
	2	3.80	1.30	1.00	9.88	
For Platform-2						
	2	11.10	1.30	1.00	28.86	
	2	3.20	1.30	1.00	8.32	ಸ.ಕಾ.ಅ. ಟಿ.ದಾ ಉ.ವಿ
	1	12.20	0.75	1.10	10.07	
	1	4.25	1.95	1.10	9.12	
	1	5.45	0.45	0.60	1.47	
	1	1.50	0.45	0.60	0.41	
				Total Qty Work Done	**136.37**	**Cum**
				Qty Payable in this bill	**136.37**	**Cum**

2/7/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayamma.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-03**
Item Name:	Providing rough Cement Plastering 15mm thick in Single Coat with Cement Mortar to brick masonry for base of dadooing works with sand of approved quality providing and removing scaffolding including cost of materials labour curing complete as per specification cement mortor 1:4

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	14.40	(1.82+0.90)/2	1.36	19.58	
		1	14.40		0.75	10.80	
		1	5.45	(1.82+1.00)/2	1.41	7.68	
		1	5.45		0.90	4.91	
	Around Tree	2	11.52		0.56	12.90	
		2	11.44		0.56	12.81	
		2	3.00		0.45	2.70	
		2	2.70		0.45	2.43	
	Outside	1	6.62		1.10	7.28	
		1	3.72		0.25	0.93	
	Inside	2	3.35		0.90	6.03	
		1	3.60		0.90	3.24	
		1	3.72		0.18	0.67	
		4	1.20		0.18	0.86	
		4	0.18		0.87	0.63	
For Platform-2							
		2	10.10		1.10	22.22	
		2	5.30		1.10	11.66	
	Around Tree	1	10.60		0.56	5.94	
		1	2.70		0.56	1.51	
	Outside	1	6.28		1.10	6.91	
		1	3.67		0.23	0.84	

ಸ.ಕಾ.ಅ.
ಟಿ.ದಾ.ಉ.ವಿ

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Inside	2	3.08		0.90	5.54	
	1	2.82		0.90	2.54	
	1	3.69		0.20	0.74	
	4	1.08		0.20	0.86	
	4	0.20		0.90	0.72	
				Total Qty Work Done	**152.94**	**Sqm**
				Qty Payable in this bill	**152.94**	**Sqm**

20/09/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna. K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-04**
Item Name:	Providing and fixing granite flooring in combination of 19mm thick Sqm (Avg) gang saw water cut LAKARED granite with 86% and with 14% of 19mm thicl (avg) Black granite in CM 1:4 proportion with a coat of rough plastering using CM 1:4, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar, labour for all items of work, HOM etc., complete as per specification

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1						
Top	1	15.08	5.30		79.92	
Landing	1	1.94	1.12		2.17	
Steps	9	0.75	0.33		2.23	
Flooring of PlatForm	1	0.95	0.75		0.71	
	1	1.20	0.90		1.08	
	2	0.95	1.20		2.28	
	1	1.20	1.20		1.44	
	1	1.20	0.25		0.30	
Deductions	-1	2.80	0.90		-2.52	
	-1	2.80	2.92		-8.18	
	-1	0.90	0.90		-0.81	
	-1	0.90	0.90		-0.81	
	-1	1.45	3.72		-5.39	
For Platform-2						
Flooring of PlatForm	1	10.58	4.55		48.14	

ಸ.ಕಾ.ಅ.
ಟಿ.ದಾ...

CHAINAGE Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
Landing	1	2.20	1.20		2.64	
Steps	6	1.20	0.33		2.38	
NorthSide	1	4.36	1.20		5.23	
	1	3.75	1.20		4.50	
WestSide	1	4.25	1.42		6.04	
	1	4.25	0.50		2.13	
	3	0.90	0.25		0.68	
Deductions	-1	2.56	2.88		-7.37	
	-1	1.00	1.00		-1.00	
Total Qty Work Done					**135.78**	**Sqm**
Qty Payable in this bill					**135.78**	**Sqm**

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayamma. K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No: Eril-05

Item Name: Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	14.40	(1.82+0.90)/2	1.36	19.58	
		1	14.40		0.75	10.80	
		1	5.45	(1.82+1.00)/2	1.41	7.68	
		1	5.45		0.90	4.91	
	Around Tree	1	11.52		0.56	6.45	
		1	11.44		0.56	6.41	
		1	3.00		0.45	1.35	
		1	2.70		0.45	1.22	
	Outside	1	6.62		1.10	7.28	
		1	3.72		0.25	0.93	
	Inside	2	3.35		0.90	6.03	
		1	3.60		0.90	3.24	
		1	3.72		0.18	0.67	
		4	1.20		0.18	0.86	
		4	0.18		0.87	0.63	
For Platform-2							
		1	10.28		1.10	11.31	
		1	10.28		1.25	12.85	
		2	5.45		1.10	11.99	
		1	4.25		0.15	0.64	

ಸ.ಕಾ.ಅ
ಟಿ.ದಾ ಉ.ವಿ

CHAINAGE Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
	3	1.92		0.15	0.86	
Around Tree	1	10.88		0.54	5.88	
	1	3.00		0.54	1.62	
Outside	1	3.69		1.05	3.87	
	2	0.90		0.90	1.62	
	4	0.20		0.90	0.72	
Inside	2	3.08		0.90	5.54	
	1	2.82		0.90	2.54	
Total Qty Work Done					**137.48**	**Sqm**
Qty Payable in this bill					**137.48**	**Sqm**

24/12/21

Jayamma. K.

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-06**
Item Name:	Providing half nosing for 40mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		2	14.40			28.80	
		2	5.45			10.90	
		4	3.72			14.88	
		4	1.80			7.20	
For Platform-2							
		2	10.28			20.56	
		2	4.25			8.50	
	Top Slab	4	3.72			14.88	
		4	1.80			7.20	
					Total Qty Work Done	**112.92**	**Rmt**
					Qty Payable in this bill	**112.92**	**Rmt**

ಸ.ಕಾ.ಅ
ಟಿ.ದಾ ಉ.ವಿ

24/12/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-07**
Item Name:	Cleaning and washing of stone masonry wall surface with nitric acid including cost of materials, labour, complete as per specifications.

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	14.40	(1.82+0.90)/2	1.36	19.58	
		1	14.40		0.75	10.80	
		1	5.45	(1.82+1.00)/2	1.41	7.68	
		1	5.45		0.90	4.91	
For Platform-2							
		1	10.28		1.10	11.31	
		1	10.28		1.25	12.85	
		2	5.45		1.10	11.99	
		1	4.25		0.15	0.64	
		3	1.92		0.15	0.86	
	Around Tree	1	10.88		0.54	5.88	
		1	3.00		0.54	1.62	
	Outside	1	3.69		1.05	3.87	
		2	0.90		0.90	1.62	
		4	0.20		0.90	0.72	
	Inside	2	3.08		0.90	5.54	
		1	2.82		0.90	2.54	
					Total Qty Work Done	**102.41**	**Sqm**
					Qty Payable in this bill	**102.41**	**Sqm**

ಸ.ಕಾ.ಅ.
ಟ.ದಾ ಉ.ವಿ

24/11/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna .K

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-08**
Item Name:	Providing & fixing precast RCC slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and downsize with steel reinforecement and pointing for joints 1:3 cement mortar including from work lift charges curing and concrete finished surface on both side etc complete as per specfication

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
	2	36.30	0.90		65.34	
				Total Qty Work Done	**65.34**	**Sqm**
				Qty Payable in this bill	**65.34**	**Sqm**

ಸ.ಕಾ.ಅ.
ಟ.ದಾ ಉ.ವಿ

24/12/21

24/12/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Pre-Measurement Sheet

First and Final

Item No: **Eril-09**

Item Name: Earthwork excavation in all soil deposits and filling sides of foundation upto plinth in layers not exceeding 20cms. in depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications, specification.

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	13.40	3.50	0.45	21.11	
		1	2.40	2.50	0.60	3.60	
For Platform-2							
		1	9.35	3.35	0.45	14.10	
		1	2.10	2.40	0.60	3.02	
					Total Qty Work Done	41.82	Cum
					Qty Payable in this bill	41.82	Cum

ಸ.ಕಾ.ಇ.
ಟಿ.ದಾ ಉ.ವಿ

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-10**
Item Name:	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM etc., complete as per specification

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1						
	2	2.80			5.60	
	2	2.90			5.80	
	2	2.92			5.84	
	2	2.80			5.60	
	1	2.70			2.70	
	1	2.70			2.70	
	9	1.05			9.45	
	2	6.62			13.24	
	4	1.10			4.40	
	6	0.90			5.40	
	6	1.20			7.20	
	1	3.72			3.72	
	13	0.30			3.90	
For Platform-2						
	2	2.56			5.12	
	2	2.88			5.76	
	1	2.70			2.70	
	6	1.53			9.18	
	2	3.69			7.38	

ಸ.ಕಾ.ಅ.
ಟಿ.ದಾ.ಉ.ವಿ

CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
	8	1.05			8.40	
	8	0.90			7.20	
	1	3.69			3.69	
	6	0.33			1.98	
	1	4.25			4.25	
	1	12.17			12.17	
		Total Qty Work Done			143.38	Rmt
		Qty Payable in this bill			143.38	Rmt

24/12/21

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

Jayamma. K.

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-11**
Item Name:	Providing ejnd constructing load bearing wall with solid concrete block having block density not less than 1800kg/m3 having a minimum averag compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 an constructed with CM 1:4, as per IS 2572:2005 including cost of ail material labour charges, scaffolding, curing, hire charges of machineries etc., complet as per specifications. KBS No.5.4 5.26.2 - do - with solid concrete blocks of siz 400x150x200mm

	CHAINAGE / Land Mark	NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		2	2.80		0.45	2.52	
		2	2.50		0.45	2.25	
		2	2.92		0.45	2.63	
		2	2.40		0.45	2.16	
For Platform-2							
		2	2.50		0.45	2.25	
		2	2.80		0.45	2.52	
		1	3.00		0.45	1.35	
	Near Drain	2	2.50		0.60	3.00	
	22nd Cross	2	36.30		0.20	14.52	
			Total Qty Work Done			33.20	Sqm
			Qty Payable in this bill			33.20	Sqm

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057

15/7/24

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna.K.

10/7/2024

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	Eril-12
Item Name:	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		1	2.70		0.45	1.22	
		1	2.70		0.45	1.22	
		1	3.70		0.90	3.33	
		4	1.20		0.90	4.32	
For Platform-2							
		1	3.70		0.90	3.33	
		4	1.05		0.90	3.78	
					Total Qty Work Done	**17.19**	**Sqm**
					Qty Payable in this bill	**17.19**	**Sqm**

ಸ.ಕಾ.ಅ.
ಟಿ.ದಾ.ಉ.ವಿ

15/7/24

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Jayanna.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-13**
Item Name:	Providing and fixing in position stone slab roofing 10 to 12 cms thick laid to line and level over wooden rafters or R.C.C. battens, pointing exposed joints with cement mortar 1:4 including cost of materials, labour, curing complete as per specifications. (wooden rafters and R.C.C. battens to be paid seperately)

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		6	1.20		0.60	4.32	
		3	1.35		0.60	2.43	
		16	0.23		0.15	0.55	
For Platform-2							
		6	1.20		0.60	4.32	
		3	1.35		0.60	2.43	
		16	0.23		0.15	0.55	
		Total Qty Work Done				**14.60**	**Sqm**
		Qty Payable in this bill				**14.60**	**Sqm**

ಸ.ಕಾ.ಅ.
ಟಿ.ದಾ ಉ.ವಿ.

Assistant Engineer
Ward No -14
BBMP-Bengaluru

21/12/2021

Jayamma.K.

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Public Sitting Flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn, Aralikatty & Mutturaya Katty 12th Cross in Bagalagunte Ward No . 14

Measurement Sheet

First and Final

Item No:	**Eril-14**
Item Name:	Providing three line dressing to granite stone slab / Sgranite stone masonry as per specifications. KBS 5.1.13

CHAINAGE Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Platform-1							
		12	1.20		0.60	8.64	
		12	1.20		0.10	1.44	
		12	0.60		0.10	0.72	
		6	1.35		0.60	4.86	
		6	1.35		0.10	0.81	
		6	0.60		0.10	0.36	
For Platform-2							
		12	1.20		0.60	8.64	
		12	1.20		0.10	1.44	
		12	0.60		0.10	0.72	
		6	1.35		0.60	4.86	
		6	1.35		0.10	0.81	
		6	0.60		0.10	0.36	
Total Qty Work Done						**33.66**	**Sqm**
Qty Payable in this bill						**33.66**	**Sqm**

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057

24/12/2021

Jayanna K.

Assistant Engineer
Ward No -14
BBMP-Bengaluru

Asst.Executive Engineer
Dasarahalli Sub Division
BBMP-Bengaluru